## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS | ID NO. | DATE     |
|---------------------------|----------|--------|----------|
| FEE DETERMINATION         | DT       |        | 1-18-00  |
| O.I.P.E. CLASSIFIER       |          | 8      | 02.67-00 |
| FORMALITY REVIEW          | De       | 21423  | 2-18-00  |
| RESPONSE FORMALITY REVIEW |          | 71473  | 4-14-00  |
|                           |          |        |          |

## **INDEX OF CLAIMS**

| ~ | Rejected                   | N   | Non-elected  |
|---|----------------------------|-----|--------------|
| = | Allowed                    | - 1 | Interference |
| _ | (Through numeral) Canceled | Α   | Appeal       |
| ÷ | Restricted                 | 0   | Objected     |

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|          | 9          | L   | 1        | Ц  | ╙              | L  |  | _          | _        | L_   | 匚            |          |
|          | 10         | L   | L        |  |                |  |  |            |          |  |              |          |
|          | 11         |     | I        | П  |                |  |  |            |          |  |              |          |
|          | 12         | _   | 1        | П  |                |  |  |            |          |  |              | <u> </u> |
|          | 13         | -   | t        | 址  | 1              | Г  | Г  |            | Г        | $\vdash$   | $\vdash$     | <u> </u> |
| $\vdash$ | 14         | Н   | Н        | 0  |                | $\vdash$   | -  |            | -        | _  |              |          |
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|          | 15         | Ц   |          | <u>v</u>   | ₩              | -  |  | $\vdash$   | H        | ┝  | <u> </u>     | ├-       |
| $\Box$   | 16         | Ц   | _        | ٥  |                | _  | _  |            | _        |  | L            | L        |
|          | 17         | Ц   |          | 0  | $\perp$        |  | L  |            |          | L  |              | _        |
|          | 18         | ١   |          | 0  |                |  |  |            |          |  |              |          |
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|          | 20         |     | П        |  | 1              | П  |  |            |          | Т  |              | Г        |
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| _        | 22         | H   | Ц        | ~  | 1              | <u> </u>   |  | _          | _        |  | <u> </u>     | ļ        |
|          | 23         | Ц   | Ц        | 4  | <u> </u>       | L_   |  | Ш          | <u> </u> | Щ  |              | <u> </u> |
|          | 24         |     |          | Ш  | L.,            |  |  |            |          |  |              |          |
|          | 25         | ì   |          | П  |                |  |  |            |          |  |              | l        |
|          | 26         | 1   |          | Т  | Π              |  |  |            | Г        |  |              | Г        |
|          | 27         |     |          | +  | T              | _  |  | Т          |          |  |              |          |
| Н        | 28         | _   | ı        | 文  | 1              | $\vdash$   | $\vdash$   | Н          | $\vdash$ | _  | _            | $\vdash$ |
|          | 29         |     | ٠        | -  | ╁              |  |  |            |          |  | -            | -        |
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|          | 30         |     | L        | 4  | 1_             |  | _  | lacksquare | Ш        | L_   | _            | <u> </u> |
|          | 31         |     | ,        | Ц  | <u> </u>       |  |  |            |          | <u> </u>   | L            | L        |
|          | 32         | L   |          | Ц  | L              | L  | $\lfloor \rfloor$                                | L          |          | L  |              | L        |
|          | 33         |     | ٦        | 业  |                | Ι  |  |            |          |  |              |          |
|          | 34         |     | Ī        | 0  | -              |  |  | П          | Г        |  | Π            |          |
| Н        | 35         | -   |          | Ĭ  | T              | t  | $\vdash$   | П          |          |  |              | T        |
| $\vdash$ | 36         | -   | +        | H  | $\vdash$       | -  | $\vdash$   |            | $\vdash$ | $\vdash$   | $\vdash$     | $\vdash$ |
| Н        |            | -   |          | <del> </del>                                     | +-             | -  | -  |            | -        |  |              |          |
| Н        | 37         | L   | _        | Η.   | 1              | <del> </del>                                     | _  | $\vdash$   | $\vdash$ | $\vdash$   | ├            | <u> </u> |
| Ш        | 38         | L   | _        | ļ_   | ↓_             | <u> </u>   | <u> </u>   | <u> </u>   |          | <u> </u>   | <u> </u>     | <u> </u> |
|          | 39         | L   | _        | :  |                | <u> </u>   | lacksquare                                       |            | _        |  | <u> </u>     | L        |
|          | 40         |     |          | ¥  | 1              |  |  |            |          |  |              |          |
|          | 41         | Г   |          | 7  |                | Г  |  |            | Г        | Г  |              | T        |
| -        | 42         | Н   | -        | H  | $\vdash$       | $\vdash$   |  |            | 1        | $\vdash$   | <del> </del> | -        |
|          | 43         | -   | _        | H  | +              | $\vdash$   |  |            | $\vdash$ | $\vdash$   | <del> </del> | $\vdash$ |
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|          | 45         | L   | _        | Ц  | $\perp$        | L  | _  | L          | _        | <u></u>  | _            | <u>_</u> |
|          | 46         | Ĺ   | _        | -  | $L^{-}$        | L  | L  | L          |          | L  | L            | L        |
|          | 47         |     |          | 1  |                | Γ  |  | Γ          |          |  | Π            |          |
|          | 48         | Г   | _        | Т  |                |  |  |            |          |  |              |          |
|          | 49         | Т   | -        | Г  | 1              | <del>                                     </del> | <del>                                     </del> | _          | -        | _  | 1            | H        |
|          | 50         | 1   | ĺ        | V  | +              | $\vdash$   | <del>                                     </del> | $\vdash$   | 1        | <del>                                     </del> | $\vdash$     | -        |
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| Cla      | im         |                | _      | ×        | Date         |          |              |              |          |              |          |  |
| Final    | Original   | 21.31          | 19     |          |              |          |              |              |          |              |          |  |
|          | 51         | V              | V      | $\vdash$ |              |          |              |              |          | T            |          |  |
|          | 52         | ,              | 1      | $\vdash$ |              | Н        | Т            |              |          |              | $\vdash$ |  |
|          | 53         | 1              | V      |          | -            | Н        | $\vdash$     |              | _        | -            | H        |  |
| _        | 54         | +              | 0      | $\vdash$ | $\vdash$     |          | $\vdash$     |              | $\vdash$ | $\vdash$     |          |  |
|          | 55         | 7              | -      | i -      |              | -        | <del> </del> | _            | $\vdash$ |              |          |  |
| _        | 56         | 1              | +      |          |              |          | $\vdash$     |              | $\vdash$ |              |          |  |
|          | 57         |                | +      |          | H            |          |              | -            | -        |              | -        |  |
|          | 58         | İ              | T      | _        | <del> </del> | -        |              | -            |          |              | $\vdash$ |  |
|          | 59         |                | V      | _        | Н            |          |              | $\vdash$     |          |              | _        |  |
|          | 60         | $\Box$         | V      |          |              |          |              | _            | <u> </u> | _            |          |  |
|          | 61         | ۲,             | 1      | ┢        | -            |          |              |              |          |              | _        |  |
| _        | 62         |                |        |          | П            |          |              |              |          |              |          |  |
|          | 63         |                |        |          |              |          |              |              |          |              |          |  |
|          | 64         | i              |        |          |              |          | _            |              |          | -            |          |  |
|          | 65         |                |        |          |              |          |              |              |          |              |          |  |
| 7        | 66)        | Ť              | +      |          |              | _        |              | _            |          |              | _        |  |
| 7        | 67         | - 1            | 1      |          |              |          |              |              |          |              |          |  |
|          | 68         |                | 1      |          |              |          |              |              |          |              |          |  |
|          | 69         | -              | 1      |          |              |          |              |              |          |              |          |  |
|          | 70         |                | T      |          |              |          |              |              |          |              |          |  |
|          | 71         | - :            | 1      |          |              |          |              |              |          |              |          |  |
|          | 72         | $\top$         | $\top$ |          |              |          |              |              |          |              | _        |  |
|          | 73         | ,              |        |          |              |          |              |              |          |              |          |  |
|          | 14         | )              | T      |          |              |          |              |              |          |              |          |  |
|          | <b>7</b> 5 | ) [            | $\Box$ |          |              |          |              |              |          |              |          |  |
|          | 76)        | Ť              |        |          |              |          |              |              |          |              |          |  |
| _        |            |                |        |          |              |          |              |              |          |              |          |  |
|          | <b>8</b> 6 | اب             | Ц      | L        | L            |          |              |              |          |              |          |  |
|          | 79         | :              | 1      | L        | <u> </u>     |          |              | _            | _        |              | _        |  |
| _        | 80         | 1              | Щ      | <u></u>  |              |          |              |              |          |              | _        |  |
| _        | 81         |                | Н      | L        | <u> </u>     |          |              | ļ            |          | L            | L        |  |
| _        | 82         |                | 4      | <u> </u> | <u> </u>     | <u> </u> |              | <u> </u>     | <u> </u> | <u> </u>     | <u> </u> |  |
|          | 83         |                | -      | ļ        | -            | -        | _            |              | <u> </u> | L            | -        |  |
| $\dashv$ | 84         |                | 1      |          |              | H        | $\vdash$     | H            | <u> </u> | _            | H        |  |
| -,       | 85<br>86   | $\vdash$       | 4      | <u> </u> |              | -        |              | <u> </u>     | <u> </u> | <u> </u>     | <u> </u> |  |
| -        | 87         | _              | 4      | <u> </u> | $\vdash$     | $\vdash$ | <u> </u>     | $\vdash$     | -        | H            | $\vdash$ |  |
| _        | 88         | $\vdash$       | -      | $\vdash$ | $\vdash$     | Н        | —            | $\vdash$     | $\vdash$ | H            | $\vdash$ |  |
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|          | 9          |                |        |          | H            |          |              | -            | $\vdash$ | H            | H        |  |
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|        | 105        |   |          |  |   |          |    |      |          |          |          |
|        | 106        |   |          | L_   |   |          |    |      |          |          |          |
|        | 107        |   | L        |  |   |          |    |      |          |          |          |
|        | 108        |   |          |  | _ | _        |    |      |          |          |          |
|        | 109        |   | _        |  | _ |          |    |      |          |          | _        |
|        | 110<br>111 |   |          |  |   | -        |    |      |          |          | -        |
| _      | 112        |   |          | ŀ  | _ | $\vdash$ | _  | _    | H        | _        |          |
| _      | 113        | - |          | $\vdash$   | _ |          |    | -    | _        | -        |          |
| $\neg$ | 114        |   | _        | -  |   | Н        |    |      |          |          |          |
|        | 115        |   |          |  |   | -        | -  |      | _        |          |          |
|        | 116        |   |          |  |   |          |    |      |          |          |          |
|        | 117        |   |          |  |   |          |    |      |          |          |          |
|        | 118        |   |          |  |   |          |    |      |          |          |          |
|        | 119        |   |          |  |   |          |    |      |          |          |          |
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|        | 121        |   |          | П  |   |          | Г  |      |          |          |          |
| _      | 122        |   | _        |  |   |          |    |      | _        |          |          |
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|        | 124        | _ |          |  | _ | $\Box$   |    |      |          |          |          |
| _      | 125        |   |          |  | - |          | _  |      |          |          |          |
| _      | 126<br>127 | _ | H        |  | - |          | _  |      | _        | $\vdash$ |          |
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|        | 132        |   |          |  |   |          |    |      |          |          |          |
|        | 133        |   |          |  |   |          |    |      |          |          |          |
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|        | 135<br>136 |   | L        | H  |   |          |    |      |          |          |          |
|        | 136        |   | -        | <u> </u>   | _ | <u> </u> | _  |      | <u> </u> | _        | _        |
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|        | 139        | _ |          | -  |   |          |    |      | -        | -        | $\vdash$ |
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